

## YAGI ANTENNA 824 - 896 MHz

**EXTREME ENVIRONMENTS - EXTRA HEAVY DUTY SERIES**  
Rugged Construction for the most harsh and severe installations

### Features of the 824 MHz Directional Yagi

Heavy Duty Stainless Steel Construction  
Solid Iron Mounting Bracket  
360 Degree Weld Elements to Boom  
Black Polyester Powder Coat Finish  
Lifetime Warranty Female N Connector  
High Quality LMR400 Cable  
Waterproof Gamma Match  
PVC Heat Shrink on Connector  
Vertical or Horizontal Polarization  
Gains Available: 9, 12, 14, 16, 17 dBi  
Cable Lengths Available: Standard 2', 15' or 25'  
Minimum Order Requirements  
[www.1wirelessway.com](http://www.1wirelessway.com)



Shipped Direct from Manufacturer

One Year Warranty, Repair or Replacement, Provided by Manufacturer

**NLOS** None Line of Site Applications



### SPECIFICATIONS

|                               |                        |
|-------------------------------|------------------------|
| <b>Part Number</b>            | <b>YA82412W</b>        |
| <b>Frequency Range</b>        | 824 - 896 MHz          |
| <b>Gain</b>                   | 12 dBi                 |
| <b>Front to Back Ratio</b>    | 16 dB minimum          |
| <b>Beamwidth</b>              | 58H 45V                |
| <b>VSWR</b>                   | 1.5:1 Typical          |
| <b>Input Impedance</b>        | 50 Ohms                |
| <b>Maximum Power</b>          | 150 Watts              |
| <b>Connector Interface</b>    | N Type Female          |
| <b>Windload</b>               | 210KMH/130MPH          |
| <b>Polarization</b>           | Vertical or Horizontal |
| <b>Lightning Protection</b>   | Direct Ground          |
| <b>Structure</b>              | 7 Elements             |
| <b>Mast Sizes Compatible</b>  | 1.5"-2.0" 40-50mm      |
| <b>Double U Bolt Mounting</b> | S/S Hardware           |
| <b>Standard Cable Length</b>  | 2'/610mm               |
| <b>15' Cable Length</b>       | <b>YA82412W-15</b>     |
| <b>25' Cable Length</b>       | <b>YA82412W-25</b>     |
| 824 MHz Photo may not be      | exact model            |